

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/14143

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04Q7/38

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | WO 01/35585 A (ERICSSON TELEFON AB L M)<br>17 May 2001 (2001-05-17)<br>page 4, line 25 - page 5, line 9<br>page 7, line 7 - line 27<br>page 9, line 14 - page 10, line 15<br>page 11, line 16 - page 12, line 14<br>page 13, line 19 - page 14, line 7<br>page 15, line 6 - line 20<br>figure 4 | 1-10                  |
| X          | EP 1 257 141 A (NORTEL NETWORKS LTD)<br>13 November 2002 (2002-11-13)<br>paragraph '0012! - paragraph '0013!<br>paragraph '0032!<br>paragraph '0035!<br>paragraph '0038!<br>paragraph '0042!<br>-----<br>-/-  | 1-10                  |

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search

16 August 2004

Date of mailing of the international search report

24/08/2004

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|------------|---|-----------------------|
| X          | US 2002/177466 A1 (LATVAKOSKI JUHANI ET AL) 28 November 2002 (2002-11-28)<br>paragraph '0009!<br>paragraph '0012! - paragraph '0020!<br>paragraph '0054! - paragraph '0055!<br>paragraph '0078! - paragraph '0083!<br>----- | 1-10                  |

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

PCT/EP 03/14143

| Patent document<br>cited in search report |    | Publication<br>date |    | Patent family<br>member(s) | Publication<br>date |
|---|----|---------------------|----|----------------------------|---------------------|
| WO 0135585                                | A  | 17-05-2001          | AU | 1652501 A                  | 06-06-2001          |
|   |    |                     | EP | 1228606 A1                 | 07-08-2002          |
|   |    |                     | JP | 2003514442 T               | 15-04-2003          |
|   |    |                     | WO | 0135585 A1                 | 17-05-2001          |
|   |    |                     | TW | 484279 B                   | 21-04-2002          |
| EP 1257141                                | A  | 13-11-2002          | EP | 1257141 A1                 | 13-11-2002          |
|   |    |                     | WO | 02091783 A1                | 14-11-2002          |
|   |    |                     | US | 2004147262 A1              | 29-07-2004          |
| US 2002177466                             | A1 | 28-11-2002          | FI | 20010979 A                 | 10-11-2002          |

**Box No. VIII (ii) DECLARATION: ENTITLEMENT TO APPLY FOR AND BE GRANTED A PATENT**

*The declaration must conform to the standardized wording provided for in Section 2.1.2; see Notes to Boxes Nos. VII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (ii). If this Box is not used, this sheet should not be included in the request.*

Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:

in relation to this international application

Telefonaktiebolaget LM Ericsson (publ) is entitled to apply for and be granted a patent by virtue of the following:

An assignment from

YAMEN, Soner  
An der Winkunst 7  
52134 Herzogenrath  
Germany

to Telefonaktiebolaget LM Ericsson (publ)

dated 28. November, 2003

this declaration is made for the purposes of:

all designations except the designation of the United States